

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US01/12281

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B05D 5/12
US CL : 427/58,96,115,258,282,294,307

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 427/58,96,115,258,282,294,307; 458/421,619

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EAST - search terms: high surface area, void volume, columnar, holes, voids, cavities, sacrificial

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,849,071 A (EVANS ET AL.) 18 July 1989, Figs. 1-5 and col. 1, line 35 - col.4 line 5	1-99
Y	US 5,834,333 A (SEEFELDT ET AL.) 10 November 1998, col. 6 - Col. 10 and figs 8-22	1-99
Y	US 5,855,801 A (LIN ET AL.) 05 January 1999, figs 5a-5e and col. 9, lines 1-45	1-99
Y	US 5,641,709 A (LEE) 24 June 1997, FIGS 3A-3E and col. 4, Lines 5-45	1-99
Y	US 5,262,000 A (WELBOURN ET AL.) 16 November 1993, figs. 1-6 and col. 3, line 40 - col. 4 line 50	1-99

Further documents are listed in the continuation of Box C. See patent family annex.

Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance		
"E" earlier document published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"Z"	document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search

05 SEPTEMBER 2001

Date of mailing of the international search report

02 NOV 2001

Name and mailing address of the ISA/US
Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231

Authorized officer

BRIAN K. TALBOT

Brian K. Talbot

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US01/19281

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,573,679 A (MITCHELL ET AL) 12 November 1996, All figures and col. 5, line 15 - col. 8, line 50	1-99
Y	US 5,907,765 A (LESCOUZERES ET AL) 25 May 1999, figs. 8-15 And col. 4, line 40 - col. 6, line 50	1-99